

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

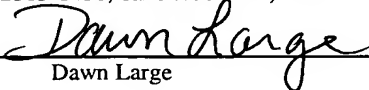
APPLICANT: Herbert M. Reynolds, et al.
ART UNIT: 2856
EXAMINER: N/A
SERIAL: N/A
NUMBER:
FILED: Herewith
FOR: DESIGN TEMPLATE

Attorney Docket No. 60,598-006

**Information Disclosure
Statement**

CERTIFICATE OF EXPRESS MAILING

I hereby certify that the enclosed paper or fee is being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope as "Express Mail Post Office to Addressee," Mailing Label No. **EL 997488858 US** and addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 14, 2003.


Dawn Large

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 AND 1.98**

Commissioner for Patents

P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to Rule 97 and in compliance with Rule 56, Applicants submit herewith this Information Disclosure Statement. This application claims priority under 35 USC §120 to copending application serial No. 08/949,213 filed October 10, 1997. The references listed on attached Form 1449 sheets were submitted by the Applicants and/or cited by the Examiner in the prior application and, therefore, copies of the references are not being submitted.

Applicants hereby request that the Office consider them in its consideration of the above-referenced application and make them of record in the case.

The filing of this information disclosure statement shall not be construed as a representation that a search has been made (37 CFR 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists. The filing of this information disclosure statement shall not be construed as an admission against interest in

any manner.

Applicants believe that no fee is due. However, should there be a fee associated with this document, please charge it to Deposit Account No. 08-2789.

Respectfully submitted,

HOWARD & HOWARD ATTORNEYS, P.C.

October 13, 2003

Date



James R. Yee, Registration No. 34,460
The Pinehurst Office Center, Suite #101
39400 Woodward Ave.
Bloomfield Hills, MI 48304-5151
(248) 723-0349

Enclosures:
PTO-1449 w/out Cited References

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PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	08/949,213
		Filing Date	October 10, 1997
		First Named Inventor	Herbert M. Reynolds et al.
		Group Art Unit	2856
		Examiner Name	R. Raevis
Sheet 1 of 2	Attorney Docket Number	1335-00007 (60,598-001)	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	1	Devices for Use in Defining and Measuring Vehicle Seating Accomodation – SAE J826 April 1980	
	2	Spatial Geometry of the Human Pelvis, by H.M. Reynolds, C.C. Snow, J.W. Young, Civil Aeromedical Institute, March 1982	
	3	Geometric Model and Spinal Motions of the Average Male in Seated Postures, by W. Haas, Thesis, March/April 1990	
	4	The Use of Electromyography for Seat Assessment and Comfort Evaluation, by T. Bush, F.T. Mills, K. Thakurta, R.P. Hubbard and J. Vorro, International Congress and Exposition, February 1995 (950143)	
	5	Selected Design Parameters for Relining Seats Based on Engineering Anthropometry; M.M. Ayoub, S. Deivanayagam; Department of Industrial Engineering Texas Tech University, Lubbock, Texas; September 1977	
	6	An Investigation of Driver Discomfort and Related Seat Design Factors in Extended Duration Driving; Matthew P. Reed, Masatsugo Saito and Yasuo Kakishima, Nahm S. Lee & Lawrence W. Schneider ; International Congress and Exposition , Detroit, MI Feb 25- March 1, 1991	
	7	Lumbar Support in Auto Seats: Conclusions from a Study of Preferred Driving Posture; Matthew P. Reed and Lawrence W. Schneider International Congress & Exposition, Detroit, MI February 26-29, 1996	
	8	A Kinematic Model of the Human Spine and Torso, Gary Monheit and Norman I. Badler; University of Penn	
	9	Some Effects of Lumbar Support Contour on Driver Seated Posture; Matthew P. Reed, Lawrence W. Schneider and Bethany A. H. Eby; University of Michigan	
	10	Distribution of Automobile Trip Durations for Studies of Seat Comfort; Matthew P. Reed and Dawn L. Massie; University of Mich.; International Congress and Exposition , Detroit, MI Feb 26-29, 1996	
	11	Spinal Curvature of Young Adult Females; Herbert M. Reynolds, James J. Rechtiem, Grayson W. Marshall and Sally Marshall	

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

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		Filing Date	October 10, 1997
		First Named Inventor	Herbert M. Reynolds et al.
		Group Art Unit	2856
		Examiner Name	R. Raevis
		Attorney Docket Number	1335.00007 (60,598-001)
Sheet	2	of	2


OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	12	Anatomical Frames of Reference and Biomechanics; Herbert M. Reynolds and Robert P. Hubbard; Department of Biomechanics, Michigan State University Human Factors, 1980 22(2) 171-176	
	13	The Influence of Backrest Inclination and Lumbar Support of Lumbar Lordosis; G.B.J. Anderson, MD, PhD; R.W. Murphy, MD, R. Ortengren, PHD; and A.L. Nachemson, MD, PhD.; Spine Volume 4, Number 1 January/February 1979	
	14	Lumbar Disc Pressure and Myoelectric Back Muscle Activity During Sitting; IV Studies on a Car Driver's Seat; R.J. G. Anderson, R. Ortengren, A Nachemson and G. Elfstrom; Scand J. Rehab Med 6:128-133, 1974	
	15	A Design Layout and Method for Relating Seating to the Occupant and Vehicle; F.W. Babbs; T.I. Cox; Ergonomics, 1979, Vol 22 No 2,227-234	
	16	The Driving Seat. Its Adaptation to Functional and Anthropometric Requirement; Royal Aircraft Establishment	
	17	Erect, Neutral and Slump Sitting Postures; A Study of the Torso Linkage System from Shoulder to Hip Joint; Herbert M. Reynolds; October 1994	

Examiner Signature		Date Considered	
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 <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> <p>MAR 0 2 1997</p>	Docket Number (Optional) 1335.07		Application Number 08/949,213
	Applicant(s) H. Reynolds et al.		
	Filing Date October 10, 1997		Group Art Unit 2856

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

[illegible]

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance; not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY DOCKET NO. 1335.00007				SERIAL NO. 08/949,213				
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				APPLICANT: Herbert M. Reynolds et al.								
				FILING DATE October 10, 1997				GROUP				
U.S. PATENT DOCUMENTS												
Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
	3	1	4	7	6	1	7	09/08/64	Kaptur, Jr. et al.	73	172	02/06/61
	3	7	7	8	1	0	4	12/11/73	Kusters	297	458	04/21/71
	4	0	2	6	0	4	1	05/31/77	Kennedy	35	26	04/28/76
	4	2	4	2	8	0	2	01/06/81	Jenner et al.	33	174	05/17/79
	4	5	7	8	8	7	5	04/01/86	Vertin	33	562	10/17/83
	4	6	8	8	8	5	3	08/25/87	Watts	297	459	01/30/86
	4	7	2	8	1	5	0	03/01/88	Gaudreau, Jr.	297	383	10/08/86
	4	9	9	3	1	6	4	02/19/91	Jacobsen	33	561.3	07/05/90
	4	9	9	8	3	5	4	03/12/91	Silverman et al.	33	514.2	06/20/90
	5	0	1	8	7	9	0	05/28/91	Jay	297	458	03/12/90
	5	0	5	8	2	8	5	10/22/91	Morita et al.	33	563	07/18/90
FOREIGN PATENT DOCUMENTS												
	Document No.							Date	Country	Class	Sub- Class	Transl. Yes No
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)												
Examiner								Date Considered				
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	5	0	6	0	3	9	3	10/29/91	Silverman et al.	33	512	03/11/91
	5	1	9	3	2	8	5	03/16/93	Heinrich et al.	33	514.2	08/01/91
	5	2	3	5	9	8	8	08/17/93	Johnson et al.	128	774	07/15/91
	5	3	7	5	6	1	0	12/27/94	LaCourse et al.	128	782	04/28/92
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										Yes	No	
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COMMERCE PATENT AND
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ATTY DOCKET NO.

1335.00007

SERIAL NO.

08/949,213

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

APPLICANT:

Herbert M. Reynolds et al.

FILING DATE

October 10, 1997

GROUP

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.							Date	Name	Class	Sub- Class	Filing Date
RR	3	1	4	7	6	1	7	09/08/64	Kaptur, Jr. et al.	73	172	02/06/61
RR	3	7	7	8	1	0	4	12/11/73	Kusters	297	458	04/21/71
RR	4	0	2	6	0	4	1	05/31/77	Kennedy	35	26	04/28/76
RR	4	2	4	2	8	0	2	01/06/81	Jenner et al.	33	174	05/17/79
RR	4	5	7	8	8	7	5	04/01/86	Vertin	33	562	10/17/83
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RR	4	9	9	8	3	5	4	03/12/91	Silverman et al.	33	514.2	06/20/90
RR	5	0	1	8	7	9	0	05/28/91	Jay	297	458	03/12/90
RR	5	0	5	8	2	8	5	10/22/91	Morita et al.	33	563	07/18/90

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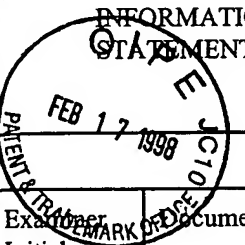
OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent Pages, etc.)

Examiner RAELJS

Date Considered

11-13-98

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RR	5	1	9	3	2	8	5	03/16/93	Heinrich et al.	33	514.2	08/01/91
RR	5	2	3	5	9	8	8	08/17/93	Johnson et al.	128	774	07/15/91
RR	5	3	7	5	6	1	0	12/27/94	LaCourse et al.	128	782	04/28/92
FOREIGN PATENT DOCUMENTS												
	Document No.			Date	Country	Class	Sub- Class	Transl.				
								Yes	No			
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Examiner	RAW				Date Considered	11-13-98						
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Notice of References Cited				Application No. 08/949,213		Applicant(s) Reynolds et al	
				Examiner Raevis		Group Art Unit 2856	

U.S. PATENT DOCUMENTS						
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
	A	4,335,918	Jun 1982	Cunningham	-----	-----
	B	3,841,654	Oct 1974	Lewis	-----	-----
	C					
	D					
	E					
	F					
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	O						
	P						
	Q						
	R						
	S						
	T						

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